

### **Amendments to the Abstract**

Please amend the abstract as follows. A copy of the amended abstract in clean form is provided on page 10 of this paper.

Disclosed is a system and method ~~The present invention relates to a system of controlling and triggering a TRIAC as well as to a method of controlling the triggering of a TRIAC; by actuating a load with any power factor from a single short-duration pulse at the gate of the TRIAC. In order to make use of a single comparator and also to operate without limitation at the current level, a system of controlling and triggering a TRIAC is foreseen, the~~ The TRIAC comprising a gate, the TRIAC being connected to a load, the gate being electrically connected to a control unit, which actuates the TRIAC for selectively applying a network voltage to the load and enabling the circulation of an electric current in the load, the system comprising a gate voltage detection unit, a control unit, the gate voltage detection unit being electrically connected to a control unit, the control unit establishing a gate voltage limit value and generating a pulse at the gate of the TRIAC to keep it in conduction, the pulse at the gate being generated from a comparison between the voltage limit value established by the control unit and a voltage measured at the gate from the gate voltage detection unit, the control unit measuring the electric current and adjusting the voltage limit value in a way proportional to the current value measured. A method is also provided for controlling the triggering of a TRIAC in order to actuate the system of the present invention.